



SYLLABUS

University Unit: Center for Biological and Health Sciences		
Graduate Program: Developmental Disorders		
Degree: <input checked="" type="checkbox"/> Master degree <input type="checkbox"/> Professional Master degree <input checked="" type="checkbox"/> Doctoral degree		
Subject: Genetics of developmental disorders		
Professors Decio Brunoni		
Observation:		
Workload: 48 h/a	Credits: 04	<input type="checkbox"/> Required <input checked="" type="checkbox"/> Optative <input type="checkbox"/> Elective
Syllabus: Genetic material: function; structure and investigation. Genetic Disorders: mechanisms. Selected developmental disorders: intellectual disability; autism spectrum disorders; genetic syndromes; Genetic Counseling and prevention		
Program Content: 1 Chromosomes; mitosis and meiosis; cell cycle; structure 2. Methods: cytogenomics 3. Chromosomal abnormalities 4. DNA: structure; function; mutation 5. Protein synthesis 6. Mendelian and non-mendelian inheritance 7. Genetic syndromes: examples		
Evaluation Criteria 1-seminars 2-written tests Evaluation: According to the General Regulation of Stricto Sensu Post-Graduation, Art. 98: A - excellent: corresponds to scores in the interval between 9 and 10; B - good: corresponds to scores in the interval between 8 and 8.9; C - regular: corresponds to scores in the interval between 7 and 7.9; R - reprovado: corresponds to scores in the interval between 0 and 6.9.		



References:

Artigos científicos relacionados aos seminários

Brunoni, D, Perez, A. B. A (2013). *Genética Médica*. São Paulo: Manole.

Jorde, L. B., Carey, J. C., & Bamshad, M. J. (2010). *Genética Médica*. 4ª. ed. Rio de Janeiro: Elsevier.

Nussbaum, R. L., Mcinnes, R. R. & Willard, H. F. (2008). *Genética Médica*, 7a. edição. Rio de Janeiro: Elsevier.